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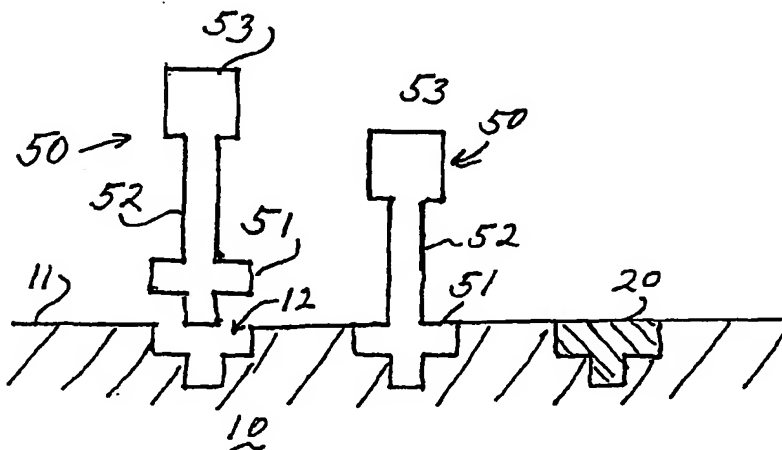
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(54) Title: AUTHENTICATION OF PRODUCTS USING MOLECULARLY IMPRINTED POLYMERS



(57) Abstract: A method for identifying a product includes providing a solid body (10) fabricated from at least a molecularly imprinted polymer having molecular sized cavities (12) adapted to selectively receive and bind molecules (50) having a specific taggant molecular structure (51), the molecular sized cavities (12) disposed on a portion of an exterior surface (11) of the body (10), and applying to the surface of the body a composition containing indicator molecules (50) having a taggant moiety (51) at one end and a marking function group (53) tethered to the taggant moiety (51) by a molecular chain (52), the taggant moieties (51) engaging and binding to the molecular sized cavities (12) so as to mark the portion of the surface (11) of the body (10) with

the indicator molecules (50) bound thereto, the marking functional groups (53) rendering the marked portion of the surface (11) perceptible with or without detection instrumentation.